

Listing of Claims:

1. (Currently amended) A fuel pump ~~having~~ comprising:
a driven impeller (15) facing a casing part (14), with rings of guide vanes arranged in the impeller concentrically enclosing one another and defining blade chambers;[[,]] ~~with~~
partially annular fuel feed ducts (21, 22) facing the rings of guide vanes in the casing part;[[,]] ~~and with~~
outlet ducts connected to the partially annular ducts, the rings of the blade chambers and the partially annular ducts forming a radial ~~radially~~ inner delivery chamber and a radial ~~radially~~ outer delivery chamber;[[,]] and ~~characterized in that a~~
a connecting duct connecting the radial ~~radially~~ outer delivery chamber (17) ~~is connected to a~~ the ~~radially~~ inner delivery chamber (16) ~~via a connecting duct (29).~~

2. (Currently amended) The fuel pump as claimed in claim 1, ~~characterized in that~~
wherein the connecting duct (29) is arranged in the casing part (14) and connects partially annular ducts (21, 22).

3. (Currently amended) The fuel pump as claimed in claim 1 or 2, ~~characterized in that~~
wherein the connecting duct comprises (29) ~~takes the form~~ of a groove arranged in the casing part (14).

4. (Currently amended) The fuel pump as defined in claim 1, ~~characterized in that~~
wherein the connecting duct (29) points away from the radial ~~radially~~ outer delivery chamber

(17) towards the radial ~~radially~~ inner delivery chamber (16) viewed in ~~the~~ a direction of rotation of the impeller (15).

5. (Currently amended) The fuel pump as defined in claim 1, ~~characterized in that~~ wherein connections (33, 34) of the connecting duct (29) connect to the radial ~~radially~~ inner and the radial ~~radially~~ outer delivery chambers (16, 17) and are laid so that at a rated speed of the impeller (15) the same pressure prevails on both connections (33, 34).

6. (Currently amended) The fuel pump as defined in claim 2, ~~characterized in that~~ wherein an initial section (30) of the connecting duct (29) connected to the radial ~~radially~~ outer, partially annular duct (22) is inclined by a designated angle α to the straight line taken through the axis of rotation of the impeller (15).

7. (Currently amended) The fuel pump as defined in claim 2, ~~characterized in that~~ wherein a terminal section (31) of the connecting duct (29) opening into the radial ~~radially~~ inner, partially annular duct (24) is inclined by a designated angle β to the straight line taken through the axis of rotation of the impeller (15).

8. (Currently amended) The fuel pump as defined in claim 6 or 7, ~~characterized in that~~ wherein at least one of the angle α and/or or the angle β is is/are approximately 45°.

9. (Currently amended) The fuel pump as defined in claim 2, ~~characterized in that~~
wherein the connecting duct ~~(29)~~ has a middle section ~~(32)~~ arranged concentrically between the
partially annular ducts ~~(21, 22)~~.

10. (Currently amended) The fuel pump as defined in claim 1, ~~characterized in that~~
wherein the impeller ~~(15)~~ has a smooth surface in its area facing the connecting duct ~~(29)~~.

11. (Currently amended) The fuel pump as defined in claim 1, ~~characterized in that~~
wherein the connecting duct ~~(29)~~ is in the form of a groove is deeper than it is wide.

12. (Currently amended) A fuel feed system for an internal combustion engine of a
motor vehicle having a fuel pump with an impeller ~~(15)~~ for drawing fuel from a fuel tank and
delivering the fuel to the internal combustion engine, ~~characterized in that~~ the pump comprising:
~~has~~

a radial ~~radially~~ outer delivery chamber ~~(17)~~ that is connected to the internal combustion
engine; ~~(2)~~ and

a radial ~~radially~~ inner delivery chamber ~~(16)~~ that is connected to a jet pump ~~(23)~~ arranged
inside ~~[[a]]~~the fuel tank; ~~(3)~~ and

a connecting duct connecting the radial outer delivery chamber to the radial inner
delivery chamber.

13. (Currently amended) The fuel feed system as defined in claim 12, ~~characterized by further comprising~~ a control device for regulating ~~the~~ a power output of an electric motor ~~(7)~~ driving the impeller ~~(15)~~ as a function of the fuel demand of the internal combustion engine ~~(2)~~.

14. (New) The fuel feed system as defined in claim 12, wherein the control device regulates the power output based in part on fuel demand of the internal combustion engine.

15. (New) A fuel pump comprising:

a driven impeller facing a casing part, with rings of guide vanes arranged in the impeller concentrically enclosing one another and defining blade chambers;

partially annular fuel feed ducts facing the rings of guide vanes in the casing part;

outlet ducts connected to the partially annular ducts, the rings of the blade chambers and the partially annular ducts forming a radial inner delivery chamber and a radial outer delivery chamber; and

a connecting duct connecting the radial outer delivery chamber to the radial inner delivery chamber,

wherein fuel is delivered from the radial outer delivery chamber to the radial inner delivery chamber when pressure in the radial inner chamber falls.

16. (New) The fuel pump as defined in claim 15, wherein the connecting duct points away from the radial outer delivery chamber towards the radial inner delivery chamber viewed in a direction of rotation of the impeller.

17. (New) The fuel feed system as defined in claim 12, wherein fuel is delivered from the radial outer delivery chamber to the radial inner delivery chamber when pressure in the radial inner chamber falls.

18. (New) The fuel pump as defined in claim 17, wherein the connecting duct points away from the radial outer delivery chamber towards the radial inner delivery chamber viewed in a direction of rotation of the impeller.

19. (New) The fuel pump as defined in claim 17, further comprising:
a driven impeller facing a casing part, with rings of guide vanes arranged in the impeller concentrically enclosing one another and defining blade chambers;
partially annular fuel feed ducts facing the rings of guide vanes in the casing part; and
outlet ducts connected to the partially annular ducts, the rings of the blade chambers and the partially annular ducts forming the radial inner delivery chamber and the radial outer delivery chamber.